

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(37 CFR 1.98(b))

ATTY. DOCKET NO.
2002DE433SERIAL NO.
10/676,962

APPLICANT: Krull et al.

FILING DATE: 10/1/03

GROUP: 1713

U.S. PATENT DOCUMENTS

Examiner Initial		Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
KLE	AA	4,670,516	6/2/87	Sackmann et al.	525	327.6	
	AB	4,985,048	1/15/91	Wirtz et al.	44	394	
	AC	5,186,720	2/16/93	Feustel et al.	44	351	
	AD	5,391,632	2/21/95	Krull et al.	525	327.6	
	AE	5,767,190	6/16/98	Krull et al.	524	563	
	AF	5,998,530	12/7/99	Krull et al.	524	474	
	AG	6,010,989	1/4/00	Krull et al.	508	475	
	AH	6,090,169	7/18/00	Krull et al.	44	395	
	AI	6,110,238	8/29/00	Krull et al.	44	393	
	AJ	6,458,174	10/1/02	Krull et al.	44	393	
	AK	6,565,616	5/20/03	Krull et al.	44	329	
KLE	AL	6,593,426	7/15/03	Krull et al.	525	191	

FOREIGN PATENT OR PUBLISHED FOREIGN APPLICATION

		DOCUMENT NUMBER	PUB. DATE	COUNTRY		TRANSLATION
KLE	BA	EP 0 153 176 ✓	8/28/85	Europe	—	English
	BB	EP 0 154 177 ✓	9/11/85	Europe	—	See AA above
	BC	EP 0 320 766 ✓	6/21/89	Europe	—	See AB above
	BD	EP 0 413 279 ✓	2/20/91	Europe	—	See AC above
KLE	BE	EP 0 606 055,	7/13/94	Europe	—	See AD above

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication**)

KE	CA	/	"Einsatz und Auslegung statischer Mischer", Pahl, M.H. and E Muschelknautz, Chem. Ing. Tech., Vol. 51, No. 5, (1979), pp. 347-363.
KE	CB	/	Römpf Chemie Lexikon, 9. Auflage, Thieme Verlag, 1988-1992, Volume 4, p. 3351ff.
KE	CC	/	"Comb-like Polymers-Structure and Properties", N.A. Platé and V.P. Shibaev, J. Poly. Sci. Macromoleculars Revs. 1974, 8, p. 117ff.
EXAMINER		DATE CONSIDERED	
KE		9/21/03	
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

PTO/SB/08a (08-03)

Approved for use through 07/31/2006, OMB 0851-0031

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Substitute for form 1448A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

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Complete if Known

Application Number	10/876,882
Filing Date	10/01/2003
First Named Inventor	Mathias Krull et al.
Art Unit	1713
Examiner Name	Reddick, M.
Attorney Docket Number	2002DE433

U. S. PATENT DOCUMENTS						
Examiner Initials ^a	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code ² (if known)				
Krell 1 Krell	AA	US- 4,211,534	07/08/1980	Feldman		
	AB	US- 6,168,440	11/24/1992	Johnston		
	AC	US- 5,391,832	02/21/1995	Krull		
	AD	US- 6,090,169	07/18/2000	Krull		
	AE	US- 6,178,468	01/30/2001	Albers		
	AF	US- 6,391,071	05/21/2002	Krull		
	AG	US-				
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	AN	US-				
	AO	US-				
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AQ	US-					
AR	US-					

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				
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	BB						<input type="checkbox"/>
	BC						<input type="checkbox"/>
	BD						<input type="checkbox"/>
	BE						<input type="checkbox"/>

Examiner Signature	<i>KLS</i>	Date Considered	9/21/03
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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/676,962
		Filing Date	10/01/2003
		First Named Inventor	Matthias Krull et al.
		Art Unit	1713
		Examiner Name	Reddick, M.
Sheet 1 of 1	Attorney Docket Number	2002DE433	

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AA	US-			
	AB	US-			
	AC	US-			
	AD	US-			
	AE	US-			
	AF	US-			
	AG	US-			
	AH	US-			
	AI	US-			
	AJ	US-			
	AK	US-			
	AL	US-			
	AM	US-			
	AN	US-			
	AO	US-			
	AP	US-			
	AQ	US-			
	AR	US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ⁴ Number ⁴ Kind Code ² (if known)				
KCB	BA	GB 1455663	11/17/1976	BASF		<input type="checkbox"/>
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	BC					<input type="checkbox"/>
	BD					<input type="checkbox"/>
	BE					<input type="checkbox"/>

Examiner Signature		Date Considered	9/22/05
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